

Idaho National Engineering and Environmental Laboratory

IEA ESE Task 5 4th Specialists Meeting on Component Failure Rate Data

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4th Data Specialists Meeting
Princeton Plasma Physics Laboratory
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Meeting Outline

- **Welcome to the 4th meeting**
- **Today**
 - **Discuss safety analysis for tokamaks**
 - **Learn about statistical analysis of JET reliability**
 - **Discuss recent EU data work**
 - **Discuss the EU effort in ORE data collection**
 - **Learn about the NSTX machine and its TR data base**
 - **Tour the NSTX machine**
 - **Discuss recent US data work**
 - **Discuss upcoming data needs, task direction**

IEA News

- **Dr. Werner Gulden, the chair of the Executive Committee, communicated with me that the IEA ESE/FP agreement was approved in Brussels for another five year term in the summer of 2002.**
- **The last Executive Committee meeting was held during the SOFT at Helsinki. The next meeting is scheduled to be held during the ICFRM 11 conference, to be held in Kyoto in December 2003.**
- **Other news is that there are now nine subtasks.**

Current Subtasks for IEA/ESE FP

- **Task 1 - Tritium safety and environmental effects (Anderl)**
- **Task 2 - Transient thermofluid modeling (Takase)**
- **Task 3 - Activation products safety (Petti)**
- **Task 4 - Safety system study methodology (Kurihara)**
- **Task 5 - Failure rate database (Cadwallader)**
- **Task 6 - Radioactive waste study (Zucchetti)**
- **Task 7 - Socio-economic aspects of fusion power (Cook)**
- **Task 8 - Magnet safety (Merrill)**
- **Task 9 - Fusion power plant studies (Najmabadi - acting)**